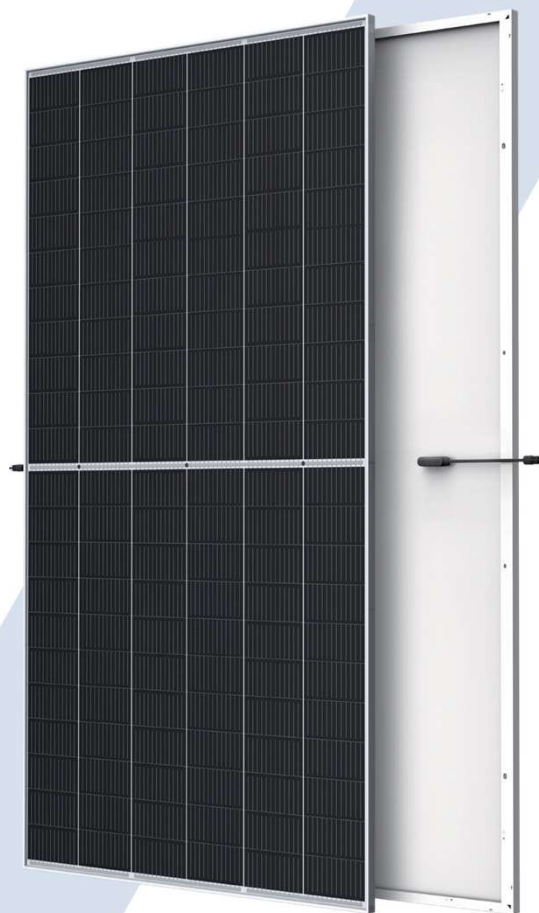


# 21 Series

## MBB Half Cell Mono

### 655-675W



#### Products Features



#### Half-cut & MBB technology

Lower internal current, lower power loss



#### Excellent weak light performance

More power output in weak light condition



#### Lower the risk of hot spot

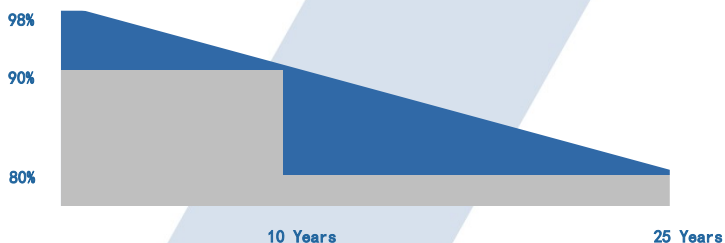
Special design with lower hot spot temperature



#### Lower LCOE

Higher Power Generation, Lower LCOE.

#### Warranty



**15 YEARS** Product quality and process guarantee

**25 YEARS** Linear power guarantee

**2%** First year power degradation

**0.55%** Annual degradation over 25 years

#### System

- IEC 61215, IEC61730
- ISO9001: Quality Management System
- ISO14001: Environment Management System
- ISO45001: Occupational Health and Safety Management System



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Email: [sales@jsun-solar.com](mailto:sales@jsun-solar.com)

## Electrical Characteristics

Maximum Power (Pmax/W)	655	660	665	670	675
Open Circuit Voltage (Voc/V)	45.5	45.7	45.9	46.1	46.3
Short Circuit Current (Isc/A)	18.48	18.53	18.57	18.62	18.66
Voltage at Maximum Power (Vmpp/V)	37.6	37.8	38	38.2	38.4
Current at Maximum Power (Impp/A)	17.43	17.47	17.51	17.55	17.58
Module Efficiency ( $\eta\%$ )	21.1	21.2	21.4	21.6	21.7

## Temperature Ratings

Temperature Coefficient of Pmax -0.35%/°C

Temperature Coefficient of Voc -0.27%/°C

Temperature Coefficient of Isc +0.05%/°C

Working Temperature -40°C-85°C

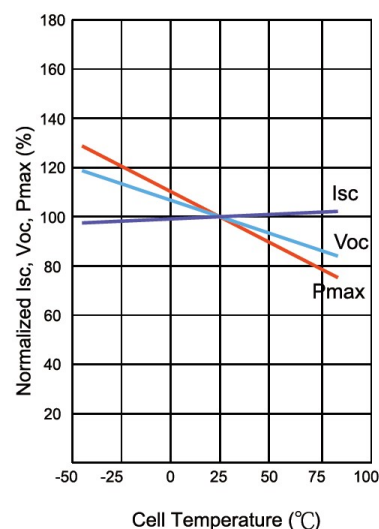
Normal Module Operating Temperature (NMOT)  $45\pm 2^\circ\text{C}$

## Mechanical Characteristics

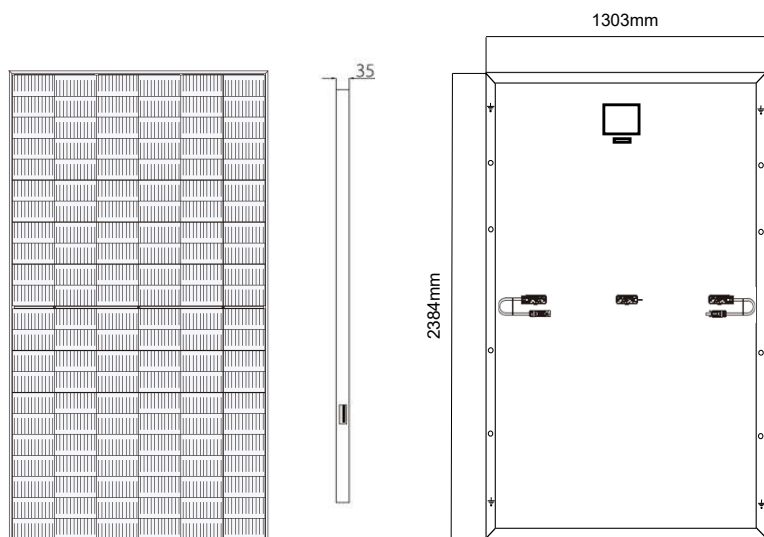
Cell type	Monocrystalline silicon 210mm
Number of cells	132(6*22)
Dimensions	2712*1303*35mm
Weight	33.2kg
Cables	4mm <sup>2</sup> , 300mm OR customized length
Junction Box	IP68 Rated
Maximum System Voltage	1500VDC
Glass	3.2mm Tempered glass
Frame	Anodized aluminum ally
Connectors	MC4 compatibility
Packing	31pcs/Pallet

## I-V Curve

Temperature Dependence of Isc, Voc, Pmax



## Design



PV Curve

